

06-28-01

jc853 U.S. PTO
06/27/01UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 112047-0036

First Inventor Nir N. Shavit et al.

Title Termination Detection for Shared-Memory
Parallel Programs

Express Mail Label No. EL705603815US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)

2. Applicant claims small entity status.
See 37 CFR 1.27.

3. Specification [Total Pages 38]
(preferred arrangement set forth below)
- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets 9]

5. Oath or Declaration [Total Pages 6]
a. Newly executed (original or copy)
b. Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).

6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. CD-ROM or CD-R (2 copies); or
ii. paper
c. Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. Assignment Papers (cover sheet & document(s))

10. 37 C.F.R. §3.73(b) Statement Power of Attorney
(when there is an assignee)

11. English Translation Document (if applicable)

12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17. Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No. /

Prior application information: Examiner _____

Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS

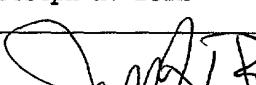
 Customer Number or Bar Code Label

(Insert C)

 or Correspondence address below

(Insert C)

| | | | | | |
|---------|--|-----------|----------------|----------|----------------|
| Name | Joseph H. Born | | | | |
| Address | Cesari and McKenna 88 Black Falcon Avenue | | | | |
| City | Boston | State | MA | Zip Code | 02210 |
| Country | U. S. A. | Telephone | (617) 951-2500 | Fax | (617) 951-3927 |

| | | | | |
|-------------------|---|-----------------------------------|--------|---------------|
| Name (Print/Type) | Joseph H. Born | Registration No. (Attorney/Agent) | 28,283 | |
| Signature |  | | Date | June 27, 2001 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments **must** be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT **(\$)** **1,576**

Complete If Known

| | |
|----------------------|----------------------|
| Application Number | Not Yet Assigned |
| Filing Date | June 27, 2001 |
| First Named Inventor | Nir N. Shavit et al. |
| Examiner Name | Not Yet Assigned |
| Group / Art Unit | Not Yet Assigned |
| Attorney Docket No. | 112047-0036 |

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number **03-1237**

Deposit Account Name **Cesari and McKenna, LLP**

Charge Any Additional Fee Charge the Issue Fee Set in
Required Under 37 C.F.R. §§1.18 at the Mailing of
37 C.F.R. §§1.16 and 1.17 the Notice of Allowance

2. Payment Enclosed:

Check Money Other
Order

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Description | Fee Paid |
|---------------------|---------------|-----------------|---|
| Fee Code (\$) | Fee Code (\$) | | |
| 105 | 130 | 205 | 65 Fee Surcharge - late filing fee or oath |
| 127 | 50 | 227 | 25 Surcharge - late provisional filing fee or cover sheet |
| 139 | 130 | 139 | 130 Non-English Specification |
| 147 | 2,520 | 147 | 2,520 For filing a request for reexamination |
| 112 | 920 | 112 | 920* Requesting publication of SIR prior to Examiner action |
| 113 | 1,840 | 113 | 1,840* Requesting publication of SIR after Examiner action |
| 115 | 110 | 215 | 55 Extension for reply within first month |
| 116 | 390 | 216 | 195 Extension for reply within second month |
| 117 | 890 | 217 | 445 Extension for reply within third month |
| 118 | 1,390 | 218 | 695 Extension for reply within fourth month |
| 128 | 1,890 | 128 | 945 Extension for reply within fifth month |
| 119 | 310 | 219 | 155 Notice of Appeal |
| 120 | 310 | 220 | 155 Filing a brief in support of an appeal |
| 121 | 270 | 221 | 135 Request for oral hearing |
| 138 | 1,510 | 138 | 1,510 Petition to institute a public use proceeding |
| 140 | 110 | 240 | 55 Petition to revive - unavoidable |
| 141 | 1,240 | 241 | 620 Petition to revive - unintentional |
| 142 | 1,240 | 242 | 620 Utility Issue fee (or reissue) |
| 143 | 440 | 243 | 220 Design Issue fee |
| 144 | 600 | 244 | 300 Plant Issue fee |
| 122 | 130 | 122 | 130 Petitions to the Commissioner |
| 123 | 50 | 123 | 50 Petitions related to provisional applications |
| 126 | 240 | 126 | 240 Submission of Information Disclosure Stmt |
| 581 | 40 | 581 | 40 Recording each patent assignment per property (times number of properties) |
| 146 | 710 | 246 | 355 Filing a submission after final rejection (37 CFR 1.129(a)) |
| 149 | 710 | 249 | 355 For each additional invention to be examined (37 CFR 1.129(b)) |
| Other (specify) | | | |
| Other fee (specify) | | | |
| SUBTOTAL (3) (\$) | | | 40 |

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

| | | | | |
|-----------------------|---|------|---------------|--------------------------|
| Typed or Printed Name | Joseph H. Born | | | Complete (if applicable) |
| Signature |  | Date | June 27, 2001 | Reg. Number 28,283 |
| | | | | Deposit Account User ID |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of:)
Nir N. Shavit et al.)
Serial No.: Not Yet Assigned) Examiner: Not Yet Assigned
Filed: June 27, 2001)
For: Termination Detection for Shared-) Art Unit: Not Yet Assigned
Memory Parallel Programs)
)
) Cesari and McKenna, LLP
) 88 Black Falcon Avenue
) Boston, MA 02210
) June 27, 2001

EXPRESS-MAIL DEPOSIT

“Express Mail” Mailing-Label Number: EL705603815US

The following papers are being deposited with the United States Postal Service
“Express Mail Post Office to Addressee” service pursuant to 37 C.F.R. §1.10:

Patent Application (38 pages including 57 claims)
 Declaration Fee Transmittal Form
 Utility Patent Application Transmittal Assignment With Recordation Form
Form Cover Sheet
 Formal Drawings (9 sheets) Check in the amount of \$1,576
 Information Disclosure Statement PTO-1449 and Copies of References